

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2005/053648

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> G06F17/50		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) G06F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/083437 A1 (GULLAPALLI KIRAN K ET AL) 29 April 2004 (2004-04-29)	1-7,10, 12-15, 17-19, 21,22
A	paragraph '0001!  paragraph '0008! - paragraph '0025! -----	8,9,11, 16,20,23
X	US 2003/204387 A1 (UPRETI SANJAY) 30 October 2003 (2003-10-30)	1-7,10, 12-15, 17-19, 21,22
A	paragraph '0001!  paragraph '0022! - paragraph '0030! ----- -/--	8,9,11, 16,20,23
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents : <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*B* document member of the same patent family</p>		
Date of the actual completion of the international search  16 February 2006		Date of mailing of the international search report  03/03/2006
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Anticoli, C

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FREUND R W ET AL: "SMALL-SIGNAL CIRCUIT ANALYSIS AND SENSITIVITY COMPUTATIONS WITH THE PVL ALGORITHM" IEE TRANSACTIONS ON CIRCUITS AND SYSTEMS-II:ANALOG AND DIGITAL SIGNAL PROCESSING, vol. 43, 8 August 1996 (1996-08-08), pages 577-587, XP011012566 ISBN: 0-8186-6417-7	1-7,10, 12-15, 17-19, 21,22
A	the whole document	8,9,11, 16,20,23
A	----- US 4 918 643 A (WONG ET AL) 17 April 1990 (1990-04-17) column 1, line 7 - line 18 column 5, line 45 - column 8, line 42 -----	1-23
A	US 6 154 716 A (LEE ET AL) 28 November 2000 (2000-11-28) column 1, line 5 - line 6 column 3, line 32 - line 48 -----	1-23

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004083437 A1	29-04-2004	AU 2002363921 A1 WO 2004040509 A1	25-05-2004 13-05-2004
US 2003204387 A1	30-10-2003	NONE	
US 4918643 A	17-04-1990	NONE	
US 6154716 A	28-11-2000	NONE	